N

US 50 (Ocean Gateway) is considered to run in an East/West direction.

PROPOSED SIGNS

9 — R3-2 30"x30"

10 — WEST 50 — SHIELD ASSEMBLY M1-5(6) 48"x72"

11,12,13 — ONLY — R3-5(L) 30"x36"

14 — EAST 50 — SHIELD ASSEMBLY M1-5(6) 36"x72"

TEMPORARY SIGN 15-18 — NEW — W16-14(1) 24" x 24" — W3-3 48" x 48"

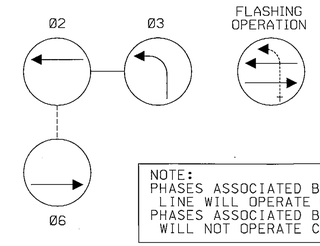
PROPOSED SIGNALS

1-8 — R Y G — 12" L.E.D.

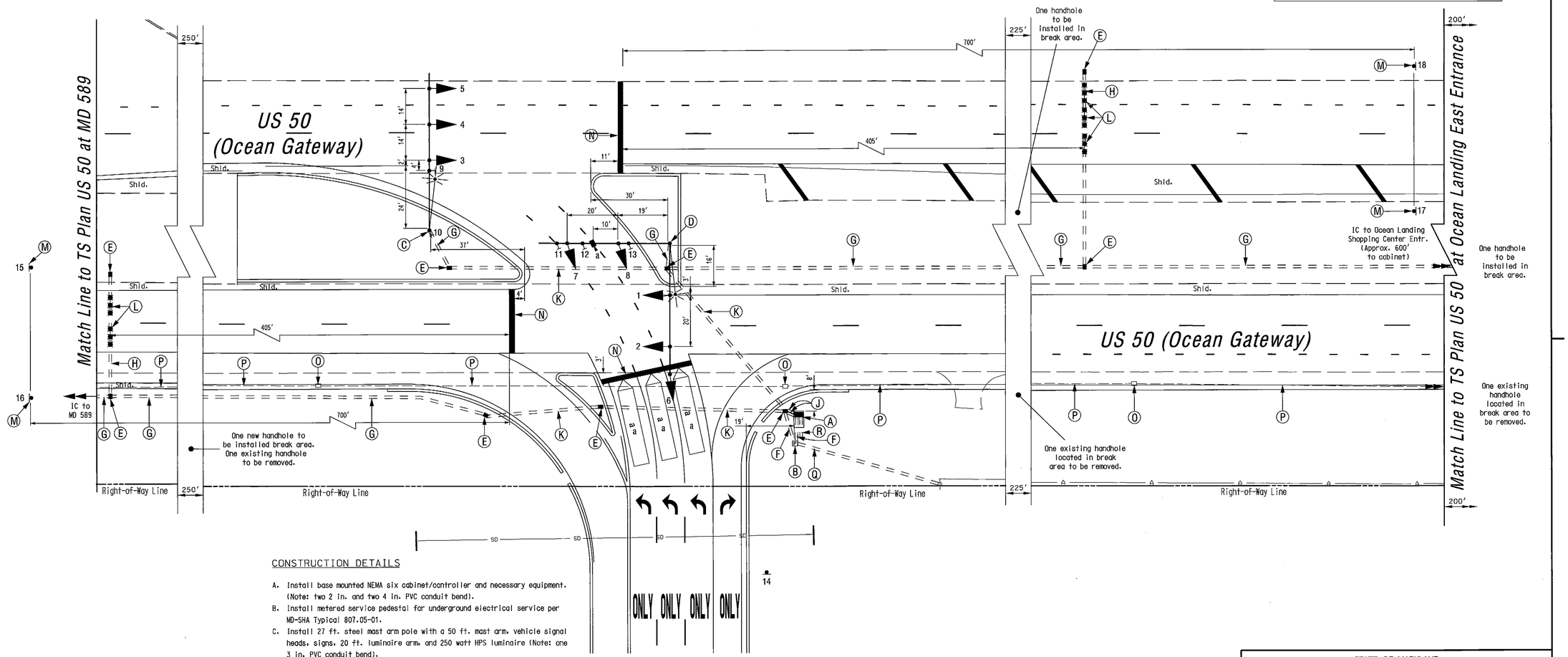
PROPOSED VIDEO DETECTION

a

NEMA PHASING



NOTE:
PHASES ASSOCIATED BY A DASHED LINE WILL OPERATE CONCURRENTLY.
PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY.



CONSTRUCTION DETAILS

A. Install base mounted NEMA six cabinet/controller and necessary equipment. (Note: two 2 in. and two 4 in. PVC conduit bend).
B. Install metered service pedestal for underground electrical service per MD-SHA Typical 807.05-01.
C. Install 27 ft. steel mast arm pole with a 50 ft. mast arm, vehicle signal heads, signs, 20 ft. luminaire arm, and 250 watt HPS luminaire (Note: one 3 in. PVC conduit bend).
D. Install 27 ft. steel twin mast arm pole with 50 ft. mast arms, vehicle signal heads, signs, 20 ft. luminaire arm, 250 watt HPS luminaire, and video detector camera (Note: one 3 in. PVC conduit bend).
E. Install handhole.
F. Install 2 in. polyvinyl chloride [Schedule 80] electrical conduit - trenched.
G. Install 3 in. polyvinyl chloride [Schedule 80] electrical conduit - trenched.
H. Install 3 in. polyvinyl chloride [Schedule 80] electrical conduit - bored.
J. Install 4 in. polyvinyl chloride [Schedule 80] electrical conduit - trenched.
K. Install 4 in. polyvinyl chloride [Schedule 80] electrical conduit - bored.
L. Install non-invasive probe (set of 3).
M. Install ground mounted sign as shown.
N. Install 24 in. wide pavement marking - white for stop line.
O. Remove existing handhole.
P. Cap and abandon existing conduit.
Q. Install 4 in. conduit for an underground electrical service by Conectiv.
R. Proposed 2 in. conduit for phone service by Verizon.

THESE PLANS ARE APPROVED FOR CONSTRUCTION FOR A PERIOD OF 1 YEAR FROM THE DATE OF APPROVAL. SHOULD CONSTRUCTION NOT BEGIN WITHIN THIS TIME FRAME THESE PLANS SHALL BE NULL AND VOID WITHOUT A REVIEW FROM THE TRAFFIC ENGINEERING DESIGN DIVISION.

The Traffic Group, Inc.
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GEOMETRIC LEGEND
EXISTING
PROPOSED

UTILITY LEGEND
SD SD STORM DRAIN
G G GAS MAIN
W W WATER MAIN
S S SEWER MAIN
E E ELECTRIC CABLES
A A AERIAL CABLES
T T TELEPHONE CABLES
F F FIBER-OPTIC

APPROVALS	
TEAM LEADER	9/9/2010
ASST. DIV. CHIEF	9/14/10
DIVISION CHIEF	for C. Schleicher
OFFICE DIRECTOR	9/16/10

REVISIONS

STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION
OFFICE OF TRAFFIC & SAFETY
TRAFFIC ENGINEERING DESIGN DIVISION

US 50 (OCEAN GATEWAY) AT OCEAN LANDING WEST ENTRANCE
BERLIN, MARYLAND

TRAFFIC SIGNAL PLAN

SCALE 1" = 20' DATE AUGUST 9, 2010 CONTRACT NO. BW996M82

DESIGNED BY F. BROWNLEY
DRAWN BY F. BROWNLEY
CHECKED BY 9/10
F.A.P. NO. N/A

COUNTY WORCESTER
LOGMILE 23005009.83
TIMS NO.
TOD NO.

TS NO. 4297 | DRAWING SG - 02 OF 03 | SHEET NO. 3 OF 6

PLOTTED: Monday, August 09, 2010 AT 12:00 PM
FILE: F:\2005\2005-0502\Des\pSG-P001_US50-LandingWest.dgn

PLOTTED BY: FBrownley